ELSEVIER

Hearing Research 136 (1999) 169

HEARING RESEARCH

Author Index Volume 136

Apoux, F., see Lorenzi, C. (136) 131
Avan, P., see Mom, T. (136) 65

Bacri, N., see Lorenzi, C. (136) 131
Berthommier, F., see Lorenzi, C. (136) 131
Blum, J.J., see Reed, M.C. (136) 13
Bonfils, P., see Mom, T. (136) 65

Capsius, B. and Leppelsack, H.-J.
Response patterns and their relationship to frequency analysis in auditory forebrain centers of a songbird (136) 91
Claxton, C., see Pickles, J.O. (136) 100

Delgado, F., see Lopez-Gonzalez, M.A. (136) 165

Gilain, L., see Mom, T. (136) 65

Hara, A., see Tabuchi, K. (136) 86
Hudson, R.R., see Watson, G.M. (136) 1
Hultcrantz, M., see Stenberg, A.E. (136) 29

Ito, Z., see Tabuchi, K. (136) 86

James, C.J., see McKay, C.M. (136) 159
Jassir, D., see Martin, G.K. (136) 105
Jones, S.M., see Jones, T.A. (136) 75
Jones, T.A. and Jones, S.M.
Short latency compound action potentials from mammalian gravity receptor organs (136) 75

Kaga, K., see Naito, R. (136) 44
Kusakari, J., see Tabuchi, K. (136) 86

Lasky, R.E., Soto, A.A., Luck, M.L. and Laughlin, N.K.
Otoacoustic emission, evoked potential, and behavioral auditory thresholds in the rhesus monkey (Macaca mulatta) (136) 35
Laughlin, N.K., see Lasky, R.E. (136) 35
Leppelsack, H.-J., see Capsius, B. (136) 91
Lonsbury-Martin, B.L., see Martin, G.K. (136) 105
Lopez-Gonzalez, M.A., Delgado, F. and Lucas, M.
Aminoglycosides activate oxygen metabolites production in the cochlea of mature and developing rats (136) 165
Lorenzi, C., Berthommier, F., Apoux, F. and Bacri, N.
Effects of envelope expansion on speech recognition (136) 131
Lucas, M., see Lopez-Gonzalez, M.A. (136) 165
Luck, M.L., see Lasky, R.E. (136) 35

Martin, G.K., Stagner, B.B., Jassir, D., Telischi, F.F. and Lonsbury-Martin, B.L.
Suppression and enhancement of distortion-product otoacoustic emissions by interference tones above f_2. I. Basic findings in rabbits (136) 105
McKay, C.M., O'Brien, A. and James, C.J.
Effect of current level on electrode discrimination in electrical stimulation (136) 159
Mizutani, M., see Naito, R. (136) 44
Mom, T., Bonfils, P., Gilain, L. and Avan, P.
Vulnerability of the gerbil cochlea to sound exposure during reversible ischemia (136) 65
Murofushi, T., see Naito, R. (136) 44

Naito, R., Murofushi, T., Mizutani, M. and Kaga, K.
Auditory brainstem responses, electrocochleograms, and cochlear microphonics in the myelin deficient mutant hamster 'bt' (136) 44

O'Brien, A., see McKay, C.M. (136) 159

Patuzzi, R., see Robertson, D. (136) 151
Pickles, J.O., van Heumen, W.R.A. and Claxton, C.
A tyrosine kinase screen of mouse vestibular maculae (136) 100

Raphael, Y., see Stöver, T. (136) 124
Reed, M.C. and Blum, J.J.
Model calculations of steady state responses to binaural stimuli in the dorsal nucleus of the lateral lemniscus (136) 13
Repass, J.J., see Watson, G.M. (136) 1
Robertson, D., Sellick, P.M. and Patuzzi, R.
The continuing search for outer hair cell afferents in the guinea pig spiral ganglion (136) 151

Sahlin, L., see Stenberg, A.E. (136) 29
Salvi, R.J., see Spicer, S.S. (136) 139
Schulte, B.A., see Spicer, S.S. (136) 139
Sellick, P.M., see Robertson, D. (136) 151
Soto, A.A., see Lasky, R.E. (136) 35
Spicer, S.S., Salvi, R.J. and Schulte, B.A.
Ablation of inner hair cells by carboplatin alters cells in the medial K^+ flow route and disrupts tectorial membrane (136) 139
Stagner, B.B., see Martin, G.K. (136) 105
Stenberg, A.E., Wang, H., Sahlin, L. and Hultcrantz, M.
Mapping of estrogen receptors α and β in the inner ear of mouse and rat (136) 29
Stöver, T., Yagi, M. and Raphael, Y.
Cochlear gene transfer: round window versus cochleostomy inoculation (136) 124

Tabuchi, K., Ito, Z., Wada, T., Takahashi, K., Hara, A. and Kusakari, J.
Effect of A1 adenosine receptor agonist upon cochlear dysfunction induced by transient ischemia (136) 86
Takahashi, K., see Tabuchi, K. (136) 86
Telischi, F.F., see Martin, G.K. (136) 105

van Heumen, W.R.A., see Pickles, J.O. (136) 100
Venable, S., see Watson, G.M. (136) 1

Wada, T., see Tabuchi, K. (136) 86
Wang, H., see Stenberg, A.E. (136) 29
Watson, G.M., Venable, S., Hudson, R.R. and Repass, J.J.
ATP enhances repair of hair bundles in sea anemones (136) 1
Withnell, R.H., see Yates, G.K. (136) 49

Yagi, M., see Stöver, T. (136) 124
Yates, G.K. and Withnell, R.H.
The role of intermodulation distortion in transient-evoked otoacoustic emissions (136) 49

ELSEVIER

Hearing Research 136 (1999) 170–172

HEARING RESEARCH

Subject Index Volume 136

A1 adenosine receptor
Cochlea; Compound action potential (CAP); Transient ischemia; 2-chloro-N6-cyclopentyladenosine (CCPA) (Tabuchi, K. (136) 86)

ABR
Hamster; Mutant; Dysmyelination; Compound action potential (Naito, R. (136) 44)

Adenovirus
Cochlea; Gene transfer; Guinea pig (Stöver, T. (136) 124)

Afferent
Cochlea; Outer hair cell; Antidromic stimulation; Guinea pig (Robertson, D. (136) 151)

Aminoglycoside
Free radical; Hearing loss; Protection (Lopez-Gonzalez, M.A. (136) 165)

Antidromic stimulation
Cochlea; Afferent; Outer hair cell; Guinea pig (Robertson, D. (136) 151)

ATP
Ecto-ATPase; Mechanoreceptor; Stereocilia (Watson, G.M. (136) 1)

Auditory brainstem
Binaural processing; Lateral lemniscus (Reed, M.C. (136) 13)

Auditory brainstem evoked response
Distortion product otoacoustic emission; Auditory threshold; Rhesus monkey (Lasky, R.E. (136) 35)

Auditory cortex analogue
Field L; Frequency analysis; Starling; Mapping; Telencephalon (Capsius, B. (136) 91)

Auditory threshold
Distortion product otoacoustic emission; Auditory brainstem evoked response; Rhesus monkey (Lasky, R.E. (136) 35)

Background noise
Temporal envelope; Envelope expansion; Speech recognition (Lorenzi, C. (136) 131)

Binaural processing
Auditory brainstem; Lateral lemniscus (Reed, M.C. (136) 13)

Chinchilla
Cochlea; Interdental cell; Ion transport; Endolymph (Spicer, S.S. (136) 139)

2-chloro-N6-cyclopentyladenosine (CCPA)
Cochlea; Compound action potential (CAP); Transient ischemia; A1 adenosine receptor (Tabuchi, K. (136) 86)

Click-evoked otoacoustic emission
Non-linearity; Intermodulation distortion (Yates, G.K. (136) 49)

Cochlea
Gene transfer; Adenovirus; Guinea pig (Stöver, T. (136) 124)

Chinchilla; Interdental cell; Ion transport; Endolymph (Spicer, S.S. (136) 139)

Afferent; Outer hair cell; Antidromic stimulation; Guinea pig (Robertson, D. (136) 151)

Compound action potential (CAP); Transient ischemia; 2-chloro-N6-cyclopentyladenosine (CCPA); A1 adenosine receptor (Tabuchi, K. (136) 86)

Cochlear blood flow
Noise-induced hearing loss; Distortion-product otoacoustic emission; Ischemia; Reperfusion (Mom, T. (136) 65)

Cochlear implant
Electrical stimulation; Electrode discrimination; Current level (McKay, C.M. (136) 159)

Compound action potential
Hamster; Mutant; Dysmyelination; ABR (Naito, R. (136) 44)

Compound action potential (CAP)
Cochlea; Transient ischemia; 2-chloro-N6-cyclopentyladenosine (CCPA); A1 adenosine receptor (Tabuchi, K. (136) 86)

Current level
Cochlear implant; Electrical stimulation; Electrode discrimination (McKay, C.M. (136) 159)

Distortion product otoacoustic emission
Auditory brainstem evoked response; Auditory threshold; Rhesus monkey (Lasky, R.E. (136) 35)

Distortion-product otoacoustic emission
Interference response area; Suppression; Enhancement (Martin, G.K. (136) 105)

Noise-induced hearing loss; Cochlear blood flow; Ischemia; Reperfusion (Mom, T. (136) 65)

Dysmyelination
Hamster; Mutant; ABR; Compound action potential (Naito, R. (136) 44)

Ecto-ATPase
ATP; Mechanoreceptor; Stereocilia (Watson, G.M. (136) 1)

Electrical stimulation
Cochlear implant; Electrode discrimination; Current level (McKay, C.M. (136) 159)

Electrode discrimination
Cochlear implant; Electrical stimulation; Current level (McKay, C.M. (136) 159)

Endolymph
Chinchilla; Cochlea; Interdental cell; Ion transport (Spicer, S.S. (136) 139)

Enhancement
Distortion-product otoacoustic emission; Interference response area; Suppression (Martin, G.K. (136) 105)

Envelope expansion
Temporal envelope; Speech recognition; Background noise (Lorenzi, C. (136) 131)

Estrogen receptor
Inner ear; Rat; Mouse; Hearing; Presbyacusis; Sex difference; Turner's syndrome (Stenberg, A.E. (136) 29)

FGF receptor
Tyrosine kinase; PCR screen; IGF-1 receptor; Hair cell; Vestibular maculae; Mouse (Pickles, J.O. (136) 100)

Field L
Auditory cortex analogue; Frequency analysis; Starling; Mapping; Telencephalon (Capsius, B. (136) 91)

Free radical
Aminoglycoside; Hearing loss; Protection (Lopez-Gonzalez, M.A. (136) 165)

Frequency analysis
Auditory cortex analogue; Field L; Starling; Mapping; Telencephalon (Capsius, B. (136) 91)

Gene transfer
Cochlea; Adenovirus; Guinea pig (Stöver, T. (136) 124)

Gerbil
Vestibular; Vestibular evoked potential; Linear acceleration; Otolith; Mouse; Rat; Guinea pig; VsEP (Jones, T.A. (136) 75)

Guinea pig
Cochlea; Gene transfer; Adenovirus (Stöver, T. (136) 124)

Cochlea; Afferent; Outer hair cell; Antidromic stimulation (Robertson, D. (136) 151)

Vestibular; Vestibular evoked potential; Linear acceleration; Otolith; Gerbil; Mouse; Rat; VsEP (Jones, T.A. (136) 75)

Hair cell
Tyrosine kinase; PCR screen; FGF receptor; IGF-1 receptor; Vestibular maculae; Mouse (Pickles, J.O. (136) 100)

Hamster
Mutant; Dysmyelination; ABR; Compound action potential (Naito, R. (136) 44)

Hearing
Estrogen receptor; Inner ear; Rat; Mouse; Presbyacusis; Sex difference; Turner's syndrome (Stenberg, A.E. (136) 29)

Hearing loss
Aminoglycoside; Free radical; Protection (Lopez-Gonzalez, M.A. (136) 165)

IGF-1 receptor
Tyrosine kinase; PCR screen; FGF receptor; Hair cell; Vestibular maculae; Mouse (Pickles, J.O. (136) 100)

Inner ear
Estrogen receptor; Rat; Mouse; Hearing; Presbyacusis; Sex difference; Turner's syndrome (Stenberg, A.E. (136) 29)

Interdental cell
Chinchilla; Cochlea; Ion transport; Endolymph (Spicer, S.S. (136) 139)

Interference response area
Distortion-product otoacoustic emission; Suppression; Enhancement (Martin, G.K. (136) 105)

Intermodulation distortion
Click-evoked otoacoustic emission; Non-linearity (Yates, G.K. (136) 49)

Ion transport
Chinchilla; Cochlea; Interdental cell; Endolymph (Spicer, S.S. (136) 139)

Ischemia
Noise-induced hearing loss; Distortion-product otoacoustic emission; Cochlear blood flow; Reperfusion (Mom, T. (136) 65)

Lateral lemniscus
Binaural processing; Auditory brainstem (Reed, M.C. (136) 13)

Linear acceleration
Vestibular; Vestibular evoked potential; Otolith; Gerbil; Mouse; Rat; Guinea pig; VsEP (Jones, T.A. (136) 75)

Mapping
Auditory cortex analogue; Field L; Frequency analysis; Starling; Telencephalon (Capsius, B. (136) 91)

Mechanoreceptor
ATP; Ecto-ATPase; Stereocilia (Watson, G.M. (136) 1)

Mouse
Tyrosine kinase; PCR screen; FGF receptor; IGF-1 receptor; Hair cell; Vestibular maculae (Pickles, J.O. (136) 100)

Estrogen receptor; Inner ear; Rat; Hearing; Presbyacusis; Sex difference; Turner's syndrome (Stenberg, A.E. (136) 29)

Vestibular; Vestibular evoked potential; Linear acceleration; Otolith; Gerbil; Rat; Guinea pig; VsEP (Jones, T.A. (136) 75)

Mutant
Hamster; Dysmyelination; ABR; Compound action potential (Naito, R. (136) 44)

Noise-induced hearing loss
Distortion-product otoacoustic emission; Cochlear blood flow; Ischemia; Reperfusion (Mom, T. (136) 65)

Non-linearity
Click-evoked otoacoustic emission; Intermodulation distortion (Yates, G.K. (136) 49)

Otolith
Vestibular; Vestibular evoked potential; Linear acceleration; Gerbil; Mouse; Rat; Guinea pig; VsEP (Jones, T.A. (136) 75)

Outer hair cell
Cochlea; Afferent; Antidromic stimulation; Guinea pig (Robertson, D. (136) 151)

PCR screen
Tyrosine kinase; FGF receptor; IGF-1 receptor; Hair cell; Vestibular maculae; Mouse (Pickles, J.O. (136) 100)

Presbyacusis
Estrogen receptor; Inner ear; Rat; Mouse; Hearing; Sex difference; Turner's syndrome (Stenberg, A.E. (136) 29)

Protection
Aminoglycoside; Free radical; Hearing loss (Lopez-Gonzalez, M.A. (136) 165)

Rat
Estrogen receptor; Inner ear; Mouse; Hearing; Presbyacusis; Sex difference; Turner's syndrome (Stenberg, A.E. (136) 29)

Vestibular; Vestibular evoked potential; Linear acceleration; Otolith; Gerbil; Mouse; Guinea pig; VsEP (Jones, T.A. (136) 75)

Reperfusion
Noise-induced hearing loss; Distortion-product otoacoustic emission; Cochlear blood flow; Ischemia (Mom, T. (136) 65)

Rhesus monkey
Distortion product otoacoustic emission; Auditory brainstem evoked response; Auditory threshold (Lasky, R.E. (136) 35)

Sex difference
Estrogen receptor; Inner ear; Rat; Mouse; Hearing; Presbyacusis; Turner's syndrome (Stenberg, A.E. (136) 29)

Speech recognition
Temporal envelope; Envelope expansion; Background noise (Lorenzi, C. (136) 131)

Starling
Auditory cortex analogue; Field L; Frequency analysis; Mapping; Telencephalon (Capsius, B. (136) 91)

Stereocilia
ATP; Ecto-ATPase; Mechanoreceptor (Watson, G.M. (136) 1)

Suppression
Distortion-product otoacoustic emission; Interference response area; Enhancement (Martin, G.K. (136) 105)

Telencephalon
Auditory cortex analogue; Field L; Frequency analysis; Starling; Mapping (Capsius, B. (136) 91)

Temporal envelope
Envelope expansion; Speech recognition; Background noise (Lorenzi, C. (136) 131)

Transient ischemia
Cochlea; Compound action potential (CAP); 2-chloro-N6-cyclopentyladenosine (CCPA); A1 adenosine receptor (Tabuchi, K. (136) 86)

Turner's syndrome
Estrogen receptor; Inner ear; Rat; Mouse; Hearing; Presbyacusis; Sex difference (Stenberg, A.E. (136) 29)

Tyrosine kinase
PCR screen; FGF receptor; IGF-1 receptor; Hair cell; Vestibular maculae; Mouse (Pickles, J.O. (136) 100)

Vestibular
Vestibular evoked potential; Linear acceleration; Otolith; Gerbil; Mouse; Rat; Guinea pig; VsEP (Jones, T.A. (136) 75)

Vestibular evoked potential
Vestibular; Linear acceleration; Otolith; Gerbil; Mouse; Rat; Guinea pig; VsEP (Jones, T.A. (136) 75)

Vestibular maculae
Tyrosine kinase; PCR screen; FGF receptor; IGF-1 receptor; Hair cell; Mouse (Pickles, J.O. (136) 100)

VsEP
Vestibular; Vestibular evoked potential; Linear acceleration; Otolith; Gerbil; Mouse; Rat; Guinea pig (Jones, T.A. (136) 75)